

potential response requirements outstanding and due in the above captioned matter.

Please amend the application as follows: IN THE CLAIMS:

CLEAN VERSION OF THE AMENDED CLAIMS

21. (new) A connection element for the attachment of removable tooth dentures to crowns of teeth or tooth implants, comprising

a locking bar (R) carrying a pushbutton (D), wherein the locking bar (R) is supported slidable in horizontal direction, and wherein the locking bar (R) comprises a bore hole (1) and parts (7) with a side flattenings (9), and wherein parts (7) comprise a limit stop (6),

a spring (F) disposed inside the locking bar (R),

a bolt (B) having a side disposed at the spring (F) and an opposite side with an inclined plane, wherein the spring (F) and the bolt (B) are guided in the bore hole (1) of the locking bar (R),

a locking device (A) of the plate shape disposed at the bolt (B) and having an extension (4) and an inclined plane corresponding to the inclined plane of the bolt (B),

a casing (G) of a box shape having a recess (5) and a bar eye (8),

wherein the casing (G) contains the locking bar (R) with the pushbutton (D), the spring (F), the bolt (B) and the locking device (A), and wherein the casing (G) is attachable vertically at a fixedly seated element (S) formed at a tooth crown or a tooth implant,

and wherein the locking device (A) is such supported in the casing (G) that the locking device (A) essentially can perform only a vertical motion perpendicular to the locking bar,

wherein the extension (4) of the locking device (A) is disposed in the recess (5) of the casing (G) and thus secures the locking device (A) and the locking bar (R) against rotation,

wherein the locking bar (R) is guided inside the casing (G),

wherein the locking device (A) disposed a limit stop face (11) and a limit stop (14),

and wherein the parts (7) of the locking bar (R) disposed between the locking device (A) and the fixedly seated element (S) of a tooth crown,

and wherein after the pushing of the pushbutton (D), the locking bar (R) together with the parts (7) moves horizontally in order to make the bar eye (8) to be completely covered by the side flattenings (9) of the locking bar (R),

and wherein the limit stop (6) of the locking bar (R) moves from the limit stop face (11) to the limit stop (14) releasing the locking device (A) before the spring (F) is compressed,

and wherein after the spring (F) is compressed, the pushbutton (D) transfers horizontal motion to the bolt (B),
and wherein the bolt (B) pushes the locking device (A) vertically to the fixedly seated element (S),
and wherein the casing (G) with the locking bar (R), with the spring (F), with the bolt (B) and with the locking device (A) is pulled out vertically from the fixedly seated element (S) of a tooth crown,
and wherein the parts (7) of the locking bar (R) are disposed in the limit stop (14) and the limit stop face (15).